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NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS  
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available  
NEWS 9 Jun 03 New e-mail delivery for search results now available  
NEWS 10 Jun 10 MEDLINE Reload  
NEWS 11 Jun 10 PCTFULL has been reloaded  
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment  
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;  
saved answer sets no longer valid  
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY  
NEWS 15 Jul 30 NETFIRST to be removed from STN  
NEWS 16 Aug 08 CANCERLIT reload  
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN  
NEWS 18 Aug 08 NTIS has been reloaded and enhanced  
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
now available on STN  
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded  
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded  
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced  
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced  
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file  
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS  
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA  
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985  
NEWS 28 Oct 21 EVENTLINE has been reloaded  
  
NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002  
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=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'CAPLUS' ENTERED AT 12:52:18 ON 23 OCT 2002

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FILE COVERS 1907 - 23 Oct 2002 VOL 137 ISS 17

FILE LAST UPDATED: 22 Oct 2002 (20021022/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s flavon?

L1 34878 FLAVON?

=> s l1 and ascorb?

81895 ASCORB?

L2 921 L1 AND ASCORB?

=> s l2 and oxidation

368961 OXIDATION

4493 OXIDATIONS

370451 OXIDATION

(OXIDATION OR OXIDATIONS)

627791 OXIDN

8038 OXIDNS

629447 OXIDN

(OXIDN OR OXIDNS)

Examiner Anderson 703-605-1157

756497 OXIDATION

(OXIDATION OR OXIDN)

L3 171 L2 AND OXIDATION

=> s l3 and cosmetic

40928 COSMETIC

41850 COSMETICS

55522 COSMETIC

(COSMETIC OR COSMETICS)

L4 3 L3 AND COSMETIC

=> s l4 and glycosylrutin

3 GLYCOSYLRUTIN

L5 0 L4 AND GLYCOSYLRUTIN

=> d ibib abs hitstr l4 1-3

## L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:561789 CAPLUS  
DOCUMENT NUMBER: 131:189486  
TITLE: Application of flavones, flavanones, or flavonoids as protection for ascorbic acid and/or ascorbyl compounds from oxidation

INVENTOR(S): Kruse, Inge; Schoenrock, Uwe  
PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany  
SOURCE: Ger. Offen., 18 pp.  
CODEN: GWXXBX

DOCUMENT TYPE: Patent  
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19807774	A1	19990826	DE 19807774	19980224
US 2002013481	A1	20020131	US 1999-243568	19990203
EP 945128	A2	19990929	EP 1999-101745	19990211
EP 945128	A3	19991222		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 11279167	A2	19991012	JP 1999-41753	19990219

PRIORITY APPLN. INFO.: DE 1998-1980774 A 19980224  
AB Cosmetic or dermatol. preps. for prevention and treatment of skin aging, dermatosis, photodermatitis, etc. which contain ascorbic acid and/or ascorbyl compds. as well as flavones, flavanones, or flavonoids show enhanced effectiveness. The flavones, flavanones, and flavonoids also protect ascorbic acid and ascorbyl compds. in these preps. from oxidn. The effect is further enhanced by addn. of complexing agents. Similar preps. can be used to prevent oxidative damage to the hair from hair dyes and bleaches. Thus, an oil-in-water gel contained xanthan gum 2.00, butylene glycol 3.00, di-Na EDTA 0.20, MgSO<sub>4</sub> 0.70, 45% NaOH 0.32, ascorbic acid 1.00,  $\alpha$ -glucosylrutin 0.20, preservative, perfume, dye, and H<sub>2</sub>O to 100.00 wt.%.  
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

## L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:237416 CAPLUS  
DOCUMENT NUMBER: 131:49174  
TITLE: Natural and synthetic antioxidants in cosmetics

AUTHOR(S): Gora, Josef  
CORPORATE SOURCE: Inst. Podstaw Chem. Zywosci, Politech. Lodzka, Lodz, Pol.  
SOURCE: Pollena: Tluszcze, Srodki Piorace, Kosmetyki (1997), 41(8), 321-328  
CODEN: PTSKDF; ISSN: 0208-8711  
PUBLISHER: Bointe Centre  
DOCUMENT TYPE: Journal: General Review  
LANGUAGE: Polish

AB A review with 9 refs. The relation between antioxidants and good health has been long established. In terms of beauty and functionality, recent studies have indicated that certain antioxidants enhance the performance of cosmetics and toiletries and play an important role in hair, skin, and nails. Natural and synthetic antioxidants inhibit oxidn. of unsatd. lipids. They function as electron donors and react directly with free radicals. Natural antioxidants such as vitamin E, esters of ascorbic acid, rosmarinic acid, and flavonoids have a major role in providing protection against internal and external free radical generators and scavenge reactive oxygen species involved in the initiation of lipid peroxidn., such as singlet oxygen and superoxide radicals.

## L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:538086 CAPLUS  
DOCUMENT NUMBER: 131:189489  
TITLE: Intercalation compounds and the stabilization of oxidation-sensitive and/or UV-sensitive substances

INVENTOR(S): Scheel, Oliver; Gers-Barlag, Heinrich; Schwieger, Wilhelm; Herrmann, Ralph  
PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany  
SOURCE: Ger. Offen., 16 pp.  
CODEN: GWXXBX

DOCUMENT TYPE: Patent  
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19805572	A1	19990819	DE 1998-19805572	19980212

AB Oxidn.-sensitive and/or UV-sensitive substances in cosmetic and dermatol. sunscreen preps. are protected by incorporation into intercalation compds. with nanoporous solid carriers such as aluminophosphates, zeolites, or layered silicates with a mean pore size .gtoreq.0.7 nm. Thus, a soln. of 15 g 4-(tert-butyl)-4'-methoxydibenzoylmethane (I) in 1 L EtOH was mixed with 110 g aluminophosphate VPI-5 (Al<sub>18</sub>P<sub>18</sub>O<sub>72</sub>·42H<sub>2</sub>O) and the mixt. was stirred for 14 days at room temp. and then at 77.degree. for 7 h. The intercalate was sepd., washed with EtOH, dried, and held at 100.degree. for 3 h, whereupon the pore size of the carrier decreased, resulting in fixation of I in the pores of the aluminophosphate. An oil-in-water sunscreen lotion contained this intercalate 10.00, glyceryl stearate 3.50, stearic acid 1.80, glycerin 3.00, cetostearyl alc. 0.50, 45% NaOH 0.20, octyldodecanol 7.00, dicapryl ether 8.00, 2,4,6-trianilino-(p-carbo-2'-ethyl-1'-hexyloxy)-1,3,5-triazine 3.00, 2-ethylhexyl p-methoxycinnamate 8.00, 2,2-dimethyl-1,3-propanediol diheptanoate 6.00, Carbomer 0.20, preservative, perfume, and demineralized water to 100.00 wt.%.  
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> log y

COST IN U.S. DOLLARS

SINCE FILE  
ENTRY

TOTAL  
SESSION

FULL ESTIMATED COST

16.59

16.80

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE  
ENTRY

TOTAL  
SESSION

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